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MOSAIC TILES PRODUCED FROM DISCARDED PLASTIC BOTTLES



PROPERTY & CONSTRUCTION

After 3 years of research, Rivesti have launched a range of interior wall tiles produced from recycled PET bottles.

We've already seen 3D wall coverings for the office, QR code ceramic wall tiles, and wall paper created from online photo albums. Approaching interior decorating from a more ecological perspective, we've now come across Rivesti, who recently launched mosaic tiles produced from discarded plastic bottles

To create the product, the company first purchases a PET resin — broken down from old plastic bottles — from recycling firms, before further purifying and treating the resin in-house with other recycled polymeric materials. After 3 years of research, the result is a high strength tile with a unique aesthetic finish, available in 33 colors.

According to Rivesti, one ton of recycled PET saves 7.4 cubic meters of landfill space, and saves the emission of 1,241 kg of CO₂. The company claims, therefore, that for every 40 m² of Rivesti tiles installed, they avoid 1 cubic meter of the earth being used as a landfill, and save 166 kg of CO₂ being released into the atmosphere.

Not content with the tiles' green credentials, Rivesti also created a unique mounting solution for easier alignment of the tiles on walls, making them up to to six times quicker to install than regular mosaic tiles. You can see the new mounting solution in the video below:

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Perhaps the most compelling aspect of this innovative mounting solution is the implied recognition that green credentials alone will not be enough to convince the customer. To truly compete, green initiatives must find ways to outperform their non-green competition in a way that is immediately tangible for the consumer.

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